



Recombinant Escherichia coli O45:K1 L-lactate dehydrogenase [cytochrome] (IldD)

Product Code	CSB-EP487769EOK
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	B7MFG9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MIISAASDYR AAAQRILPPF LFHYMDGGAY SEYTLRRNVE DLSEVALRQR ILKNMSDLSL ETTLFNEKLS MPVALGPVGL CGMYARRGEV QAAKAADAHG IPFTLSTVSV CPIIEEVAPAI KRPMWFQLYV LRDRGFMRNA LERAKAAGCS TLVFTVDMPT PGARYRDAHS GMSGPNAAMR RYLQAVTHPQ WAWDVGLNGR PHDLGNISAY LGKPTGLEDY IGWLANNFDP SISWKDLEWI RDFWDGPMVI KGILDPEDAR DAVRFGADGI VVSNHGGRQL DGVLSSARAL PAIADAVKGD IAILADSGIR NGLDVVRMIA LGADTVLLGR AFLYALATAG QAGVANLLNL IEKEMKVAMT LTGAKSISEI TQDSLQVQLG KELPAALAPM AKGNAA
Source	E.coli
Target Names	IldD
Protein Names	Recommended name: L-lactate dehydrogenase [cytochrome] EC= 1.1.2.3
Expression Region	1-396
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.